



## **2005 Computational Engineering and Science Conference**

Marriott Wardman Park, Washington DC

April 26-27, 2005

The Computational Engineering and Science Conference (CESC) is envisioned as a series of meetings held annually in Washington DC that will focus on the impact of high-end computing on computational science and engineering applications of critical national importance. Each conference will focus on one or more computational science and engineering application areas that are relevant and important to the federal agencies and bring working scientists together with Agency, White House, Congressional and Legislative staff in an environment conducive to the sharing of technical information, accomplishments, goals and plans.

CESC2005, the first conference in the series, will focus on combustion with the Department of Defense, Department of Energy and the National Aeronautics and Space Administration as the primary organizing agencies.

In the technical sessions on ground transportation, high speed combustion, gas turbine combustion and enabling technologies, speakers at CESC2005 will address barriers and opportunities related to the full effective utilization of high-end computing (HEC) for large scale simulations of combustion engineering and science. These discussions, although focused on combustion this year, will be applicable to all application science and engineering disciplines. Special sessions will provide a venue for federal Program Managers to discuss policy issues and future opportunities affecting HEC across mission agencies, and for industry representatives to identify improved opportunities for collaboration and HEC advances needed to impact the industrial competitiveness of the United States. Agency perspectives by senior executives in DOE, DoD and NASA will bring to light the future relationship between HEC and large scale science and engineering challenges we face.

Space for CESC2005 is limited so register today at [www.ces-conference.org](http://www.ces-conference.org).